Personal Expense Tracker (CLI Edition)

Project Overview

You'll build a simple command-line program that helps a user track their daily expenses. The goal is to practice Python fundamentals like control flow, data structures, and functions while solving a real-world problem.

Core Requirements (Must-Have)

- Add an expense (amount, category, description)
- Store expenses using Python data structures
- View all recorded expenses
- Calculate total spending
- Filter expenses by category
- Use a menu system with loops and conditionals

Collaboration Rules (Individual Project)

This is an individual project. You are responsible for the full codebase. Use Git for version control and make small, meaningful commits. You should be able to explain every part of your code.

Learning Outcomes

- Variables and control flow
- Functions
- Lists and dictionaries
- Basic input validation
- Readable Python code structure

Stretch Goals (Optional)

- Save and load expenses from a file
- Show totals per category
- Improve handling of invalid input

Definition of Done

- Program runs without errors
- Expenses can be added and viewed
- Totals are calculated correctly
- Code is readable and structured

- Project is pushed to Git with multiple commits